INFORMATION **DISCLOSURE CITATION** PTO-1449

Atty. Docket No. 001076A

Serial No. Division of 09/645,527

Applicant(s): TSUKUDA, Masanori

Filing Date: September 15, 2003

Group Art Unit: 3634

# U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
AL	AA	5,569,895	LYNCH ET AL.	10/1996	235	1R	
	Α̈́Β	4,589,713	PFUHL ET AL.	<i>5</i> /1986	339	7	
	AC	5,603,478	WANG	2/1997	248	371	
	AD	3,486,629	C.J. SLAGA	12/1969	211	1.5	
	AE	4,564,166	CRAFT ET AL.	1/1986	248	349	
	AF	5,632,463	SUNG ET AL.	5/1997	248	371	
	AG	4,483,503	GAHAN	11/1984	248	349	
	АН	5,553,820	KARTEN ET AL.	9/1996	248	286.1	
	AI	5,398,903	СНО	3/1995	248	349	
	AJ	5,709,360	ROSEN	1/1998	248	278.1	
	AK	6,116,560	KIM	9/2000	248	371	•
	AL	6,047,939	KIM	4/2000	248	371	
	AM	6,024,336	LIN ET AL.	2/2000	248	371	

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Translation (Yes or No)
A	AN	08-140017	5/31/96	Japan	Abstract-discussed in specification
+	AO	06-189229	7/08/94	Japan	Abstract-discussed in specification
	AP				

OTHER DOCUMENTS AQ Examiner S Date Considered

INFORMATION
DISCLOSURE
CITATION
PTO-1449

Filing Date: September 15, 2003

Atty. Docket No. 001076A

Serial No. Division of 09/645,527

Applicant(s): TSUKUDA, Masanori

Filing Date: September 15, 2003

Group Art Unit: 3634

## U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
1	AA	5,037,050	Lin et al.	8/1991	248	179	
	AB	5,209,446	Kawai	5/1993	248	349	
1	AC	5,102,082	Bang	4/1992	248	183	
1	AD	4,591,120	Bryant-Jeffries et al.	5/1986	248	179	
	AE	4,880,191	Lake, Jr.	11/1989	248	371	·
	AF	4,621,782	Carlson et al.	11/1986	248	183	
	AG	4,453,687	Sweere	6/1984	248	183	
	AH	5,588,625	Beak	12/1996	248	371	
	ΑI	6,089,520	Wu et al.	7/2000	248	371	
	AJ ·	4,554,590	Chelin et al.	11/1985	358	248	
	AK	4,852,830	Howard et al.	8/1989	248	183	
	AL	5,881,989	O'Brien et al.	3/1999	248	634	
#	AM	4,579,473	Brugger	4/1986	403	163	

## FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Translation (Yes or No)
 AN				
 AO				
 AP				

### OTHER DOCUMENTS

	AQ
Examiner	Market Date Considered 2/9/84

INFORMATION
DISCLOSURE
CITATION
PTO-1449

Atty. Docket No. 001076A

Serial No. Division of 09/645,527

Applicant(s): TSUKUDA, Masanori

Filing Date: September 15, 2003

Group Art Unit: 3634

#### U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
44	AA	4,360,286	Beer, Heinz	11/1982	403	201	
	AB	4,345,849	Stenemann, Bruno	8/1982	403	252	i
<b>∥</b>	AC	4,522,008	Zeigler, Theodore R.	6/1985	52	646	
∥	AD	6,196,756	Leverger, Eric	3/2001	403	326	
	AE	6,135,411	Shirasawa, Masahiko	10/2000	248	349.1	
	AF	4,068,961	Ebner et al.	1/1978	403	55	
	AG	5,024,415	Purens, Alfred	6/1991	248	349.1	
	AH	4,562,988	Bumgardner, Donald	1/1986	248	181.1	
1	ΑI	5,881,985	Hoening	3/1999	248	371	
	AJ			•			
	AK						
	AL		,				
	AM						

#### FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Translation (Yes or No)
 AN				
 AO				
AP				

Examiner Date Considered Q 9 64